

AMENDMENT(S) TO THE SPECIFICATION

Please replace the title of the application with the following rewritten title:
PURIFIED HpyC1I AND ITS USE AS A RESTRICTION ENDONUCLEASE

On page 10, please retype paragraph [0034] as follows:

Comparisons of the 10 junction sequences indicate that no sequence is the same. Therefore, HpyC1I does not recognize and cut within some sequence fragments. Further analysis identifies a putative non-palindromic recognition sequence in the cloned inserts at a constant distance from the junction. Therefore, HpyC1I belongs to type II restriction endonuclease. The enzyme recognizes a 5 base-pair symmetric sequence, 5'-CCATC-3' (SEQ ID NO:1), and cleaves DNA downstream of the recognition site, after nucleotide 4 and 5 in the upper and the lower strand respectively. These strands are more conventionally referred to as the 'top strand' and the 'bottom strand', respectively. The double-strand cleavage of HpyC1I produces a one-base 5'-protruding end as shown in Table 1.